Proud Sponsor

User's manual

CL2909 Speakerphone with caller ID/call waiting



Congratulations

on purchasing your
new AT&T product.

Before using this AT&T product, please read the

Important safety information

on pages 33-34 of this manual.

Please thoroughly read the user's
manual for all the feature operations
and troubleshooting information necessary to install
and operate your new AT&T product.

You can also visit our
website at **www.telephones.att.com**
or call **1 (800) 222-3111**.
In Canada, dial **1 (866) 288-4268**.

Model #: CL2909
Type: Speakerphone with caller ID/call waiting

Serial #: _____
Purchase date: _____
Place of purchase: _____

Both the model and serial number of your AT&T product can be found on the bottom of the telephone base.

Save your sales receipt and original packaging in case it is necessary to return your telephone for warranty service.

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Make sure to install four AA alkaline batteries (not included).



See page 4 for easy instructions.

If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (see page 5). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Your product may be shipped with a protective sticker covering the telephone base display, remove it before use.

For customer service or product information, visit our website at

www.telephones.att.com or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268.**

CAUTION: To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully:

1. Use only four AA alkaline batteries (not included).
2. Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.
3. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to create a short circuit. Do not allow conductive materials such as rings, bracelets, or keys to touch the battery. The battery or conductor may overheat and cause harm.
5. Use the battery identified for use with this product only in accordance with the instructions and limitations specified in this manual.
6. Observe proper polarity orientation between the battery and metallic contacts.
7. Do not disassemble your telephone. There are no user-serviceable parts inside. Refer to qualified service personnel for servicing.

Parts checklist

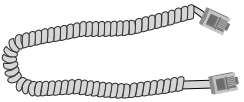
Check to make sure your telephone package includes the following items.



Telephone base with mounting bracket and directory card attached



Handset



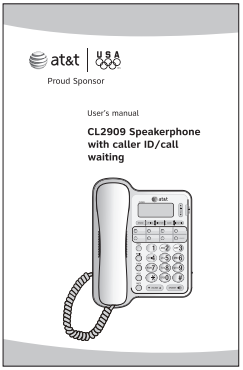
Coiled handset cord



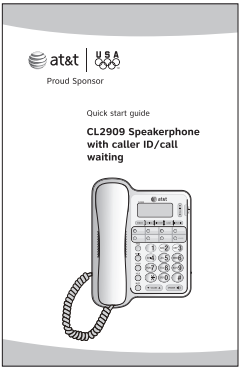
Short telephone line cord



Long telephone line cord



User's manual



Quick start guide

User's manual

CL2909 speakerphone with caller ID/call waiting



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Product overview

This AT&T CL2909 speakerphone with caller ID/call waiting can be used flat on a tabletop or mounted on a wall and does not require AC power for operation. The CL2909 features a speakerphone for hands-free use and a data port that allows the use of another device such as a modem, fax machine, or answering system with the same wall jack. The CL2909 also features a 14-number memory for fast dialing and has a directory that can store up to 25 additional numbers with names. This telephone has a caller ID feature that supports caller ID with call waiting service. (Caller ID services are subscriber services available from your telephone service providers for a fee.)

This user's manual contains detailed instructions for installing and operating your AT&T CL2909 speakerphone with caller ID/call waiting. Please follow the directions carefully.

Quick reference guide

REMOVE

Press to delete the displayed entry (page 21, 24, 28).

When the telephone is idle, press and hold to remove all call history entries (page 28).

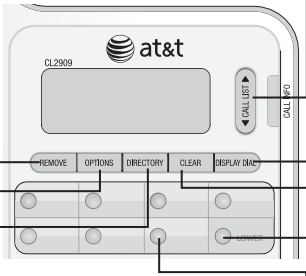
OPTIONS

Press to display the menu (page 10).

When in the menu, press to save your setting and advance to the next feature setting (page 10, 13).

DIRECTORY

Press to enter the directory or when in directory exit and return to idle mode (page 23).



CALL LIST

Press to review call history records (page 27) or scroll through options when in the feature menu.

DISPLAY DIAL

Press to dial the displayed number (page 28).

CLEAR

Press to return to idle mode.

LOWER

Press to enter lower locations of one-touch buttons (page 19).

One-touch buttons

Press to display the numbers stored in one-touch locations (page 19).

PROG

Press to program numbers stored in one-touch locations (page 20).

REDIAL

Press to redial the last number dialed (page 15).

FLASH

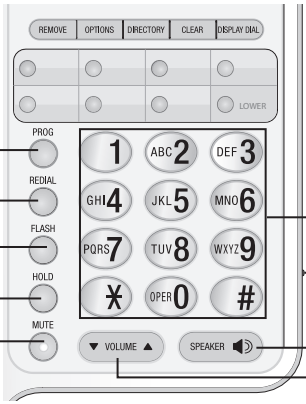
During a call, press to receive an incoming call if you subscribe to the call waiting service from your telephone service provider (page 17).

HOLD

Press to place a call on hold (page 17).

MUTE

Press to mute the handset or speakerphone microphone; press again to resume conversation (page 17).



Dial pad

With the handset lifted, press to dial a number.

With the handset on the base, press to search the directory by name (page 24).

RINGER

Slide the ringer switch on the right side of the telephone base to adjust ringer volume (page 18).

SPEAKER

Press to turn the base speakerphone on or off (page 15).

VOLUME

Press to adjust the speakerphone or handset listening volume (page 15).

Quick reference guide

Base lights

SPEAKER

On when speakerphone is in use.

MUTE

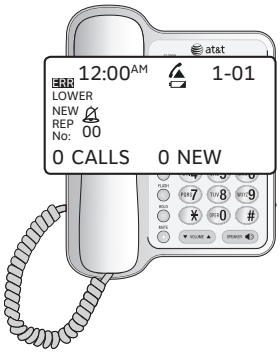
On when speakerphone or handset microphone is muted.



CALL INFO

- On when the line is in use.
- Flashes slowly when a call is on hold.
  -OR-
  Flashes slowly when the connected telephone line cord is not plugged into a wall jack.
  -OR-
  Flashes slowly when a telephone on the same line is in use.
- Flashes quickly when there is an incoming call.

Screen icons



ERR	There is an error in the caller ID information.
	Line is in use or the connected telephone line cord is not plugged into a wall jack.
NEW	The caller ID information displayed is unreviewed.
REP	A person from this number has called more than once.
LOWER	The lower one-touch location is active.
NO:	The position of the number stored in call history.
	The battery power is low (flashing).
	The ringer volume is set to **OFF**.

Display screen messages

Displays	Means
STORED	The telephone number displayed is stored.
DELETED	All the entries stored in call history have been deleted.
END OF LIST	You have reached the end of the call history records.
DIRECTORY EMPTY	There are no telephone numbers stored in the directory.
NO NAME FOUND	There are no names matching the letter combination you have selected.
NO NUMBER	There is no entry stored in the one-touch location you have selected.
LINE IN USE	The connected telephone line cord is not plugged into a wall jack or another telephone on the same line is in use.
LINE RINGING	There is an incoming call.
LINE ON HOLD	The line is on hold.
MEMORY FULL	The directory is full.
ONLY 24 ALLOWED	The number you have entered in the directory or one-touch memory is over 24 digits.
ONLY 15 ALLOWED	The name you have entered in the directory is over 15 characters.
CHECK BATTERY	There are no batteries installed or you need to replace the old batteries.

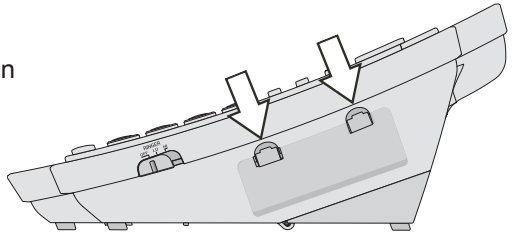
Battery installation

Before using the telephone, you should install four good AA alkaline batteries (not included) to provide memory backup and enable the use of some features. The four AA batteries are required for the following features to work: speakerphone, hold, mute, flash, caller ID features, screen display, feature options menu, directory, clock, and the **CALL INFO** light.

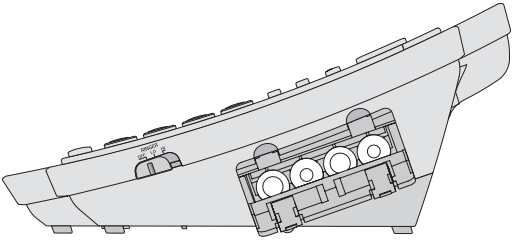
If you unplug the telephone from the wall jack, or you lose telephone service for over 10 minutes, and good batteries are not installed, the following information is lost: call list, numbers stored in the directory, redial list, and all settings in the feature menu. We recommend that you initially install new batteries and change the batteries soon after the low battery icon appears.

CAUTION: Always unplug the telephone line cord before installing new batteries.

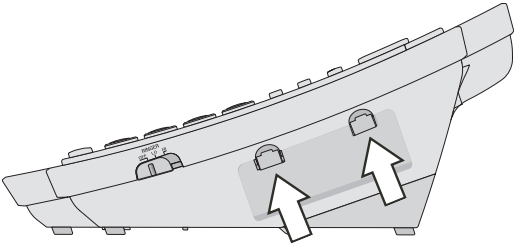
1. Press down on the battery compartment cover tabs as shown and pull to open the battery compartment cover.



2. Insert four AA alkaline batteries (not included) following the polarity markings in the battery compartment.



3. Close the battery compartment cover as shown, making sure the cover snaps into place.



NOTE: If there are no batteries installed and the telephone is plugged into a telephone wall jack, the screen display operates using the power from the telephone line when you lift the handset. When operating in this mode, the screen display may be dimmer than usual.

Installation options

The telephone base comes with the mounting bracket already installed for tabletop use. If you want to mount your telephone on a wall, use the provided wall bracket to connect with a standard dual-stud telephone wall mounting plate. If you do not have this mounting plate, you can purchase one from many hardware or consumer electronic retailers. You might need a professional to install the mounting plate.

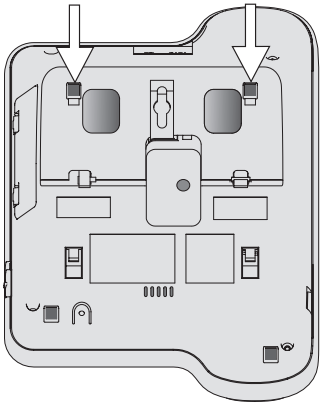
If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter (not included) between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Tabletop installation

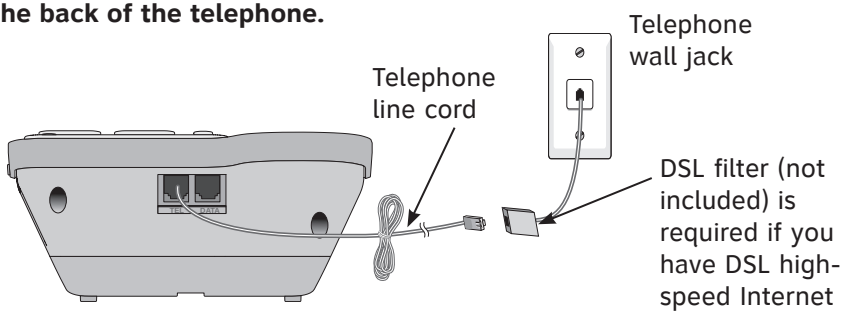
Follow instructions below to install your telephone to tabletop position.

1. Check the mounting bracket.

The telephone arrived with the mounting bracket positioned for tabletop use. Make sure it is secure by pressing the two feet.



2. Connect one end of the long telephone line cord to the jack labeled TEL on the back of the telephone.



3. Connect the other end of the line cord to a wall jack.

4. Connect the handset to the telephone.

Plug the coiled handset cord into the handset jack on the left side of the telephone base. Plug the other end of the coiled cord into the handset, then hang up.



5. Check for dial tone.

Lift the handset and listen for a dial tone. If you cannot hear a dial tone, press **VOLUME ▲**. If you still do not hear a dial tone, see the **Troubleshooting** section on pages 30-31 of this manual.

Your telephone will work immediately after installation using the default feature settings (see default settings in **Feature summary on page 14**).

NOTE: If you subscribe to caller ID services from your telephone service provider, you must follow the instructions in **Set home area code** (see page 11), for your telephone to properly recognize and dial calls from the call history list. You may also need to check **Set local area code** (see page 12) if you want the telephone to recognize multiple area codes.

Installation options

Wall installation

1. Reposition the mounting bracket for wall use.

Press on the mounting bracket as shown in **figure a** to release the bracket. Rotate the bracket as shown in **figure b** so that the larger end is toward the bottom of the telephone. Lock the bracket by positioning it as shown in **figure c**, and pressing it (as shown by arrow) into the telephone base until it locks in place.

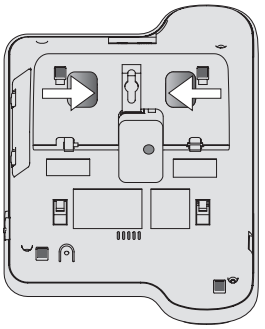


figure a

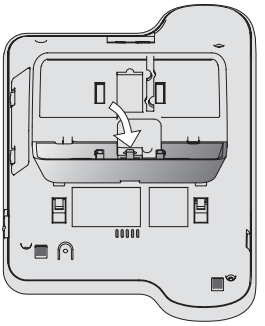


figure b

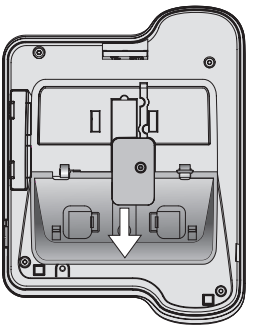
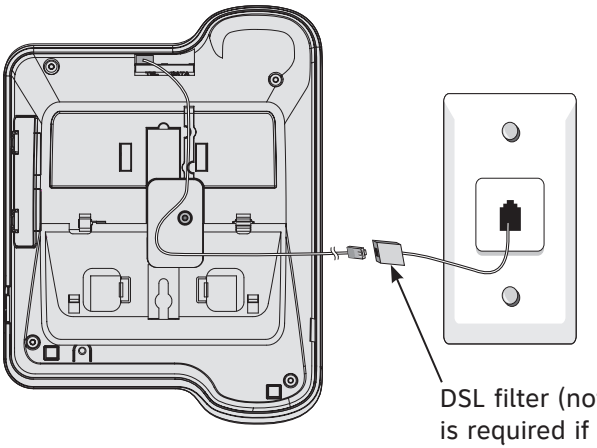


figure c

2. Connect the short telephone line cord to the telephone.

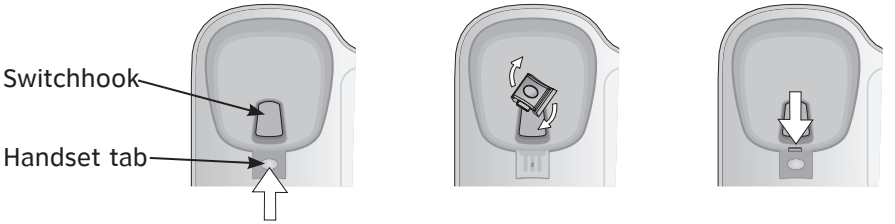
Plug one end of the short line cord into the jack labeled **TEL** and thread the cord through the tabs under the telephone as shown.



DSL filter (not included) is required if you have DSL high-speed Internet service.

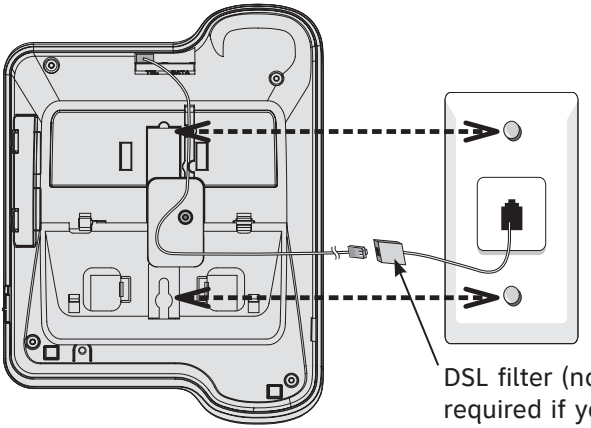
3. Reverse the handset tab.

This tab holds the handset when you hang up. Hold down the switchhook, and slide the handset tab up and out of its slot. Turn the tab so that the end with the hook is up. Then insert the handset tab back into its slot.



4. Connect the short telephone line cord to a wall jack and mount the telephone on the studs on the mounting plate.

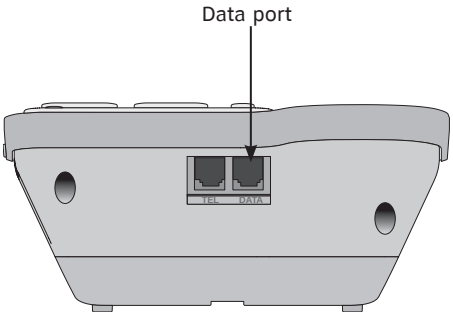
Make sure the short telephone line cord snaps firmly into place. Place the telephone on the wall jack mounting stubs and pull down until it is held securely.



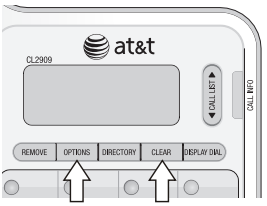
5. Follow steps 4-5 in Tabletop installation on page 6.

Data port

If you want to connect another device (such as a modem or fax machine) to the wall jack, use the jack on the telephone labeled **DATA**. A call picked up at another extension connected with the same line may interrupt a fax, modem or message transmission.



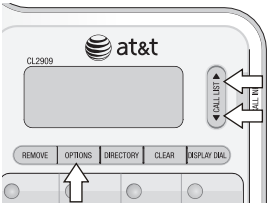
Telephone settings



The screen will display prompts to help you set up the telephone when you first install it. You can always get back to these setup screens by pressing **OPTIONS.**

NOTE: You can exit feature setup at any time by pressing **CLEAR** or by lifting the handset when there is no incoming call. For complete feature setup, see **Set remaining features** on page 13.

Language selection



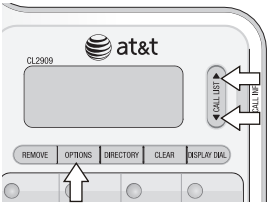
You can select **ENGLISH**, **ESPANOL** (Spanish) or **FRANCAIS** (French) as the language in which your screen prompts are displayed. When you first install batteries, the screen displays:

```
12:00AM      1-01

WHICH LANGUAGE?
```

1. Press **CALL LIST ▲** or **CALL LIST ▼** until the screen displays your language selection.
2. Press **OPTIONS** to save your setting, and move to the next option.

Set contrast



Adjust screen brightness to a comfortable level, from 1 (light) to 4 (dark).

1. Press **OPTIONS** repeatedly until the screen displays:

```
12:00AM      1-01

      2

SET CONTRAST
```

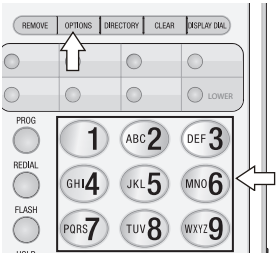
2. Press **CALL LIST ▲** or **CALL LIST ▼** until the screen displays the contrast level you prefer.
3. Press **OPTIONS** to save the setting, and move to the next option.

Telephone settings

Set home area code

You must program your area code, so your telephone can properly recognize and dial calls.

For calls within your area code	
You dial	**Enter in step 2**
7 digits (telephone number, no area code)	Your area code
10 digits (area code + telephone number) **-OR-** 11 digits (1 + area code + telephone number)	0 0 0



1. Press **OPTIONS** repeatedly until the screen displays:

   12:00AM 1-01
   HAC-_ _ _
   HOME AREA CODE?

2. Use the dial pad keys (0-9) to enter three digits of your home area code.
3. Press **OPTIONS** to save the setting. You will see the local area code setup screen.

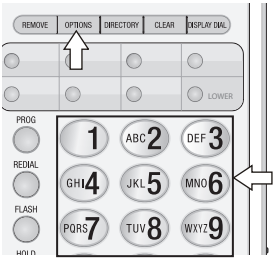
NOTE: A home area code must be programmed to use the display dial feature. If you try to use **DISPLAY DIAL** before entering a home area code, you will be prompted to enter the home area code. Enter the code and press **OPTIONS**.

Telephone settings

Set local area code

You can program up to four local area codes.

For calls outside your area		
For:	**You dial:**	**Enter in step 2:**
All calls outside your area code	11 digits (1 + area code + telephone number	No local area code
Some calls outside your area code	10 digits (area code + telephone number)	Area codes that do not require a **1**
If you dial 10 digits (area code + telephone number) for calls within your own area code, include your area code as a local area code.		



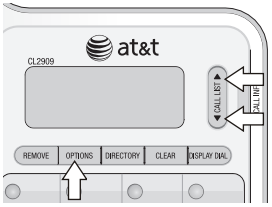
1. Press **OPTIONS** repeatedly until the screen displays:

   12:00AM 1-01
   LAC1-_ _ _
   LOCL AREA CODE?

2. Use the dial pad keys (0-9) to enter the three digits of the first local area code. Press **OPTIONS** to advance to the next local area code (**LAC2-, LAC3-, LAC4-**).
3. Press **OPTIONS** to save the settings when you have finished entering local area codes.

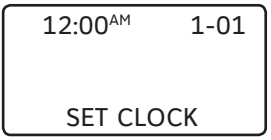
NOTE: If you do not need to program the local area codes, press **OPTIONS** repeatedly to scroll to other options or press **CLEAR** to exit.

Telephone settings



Set time and date

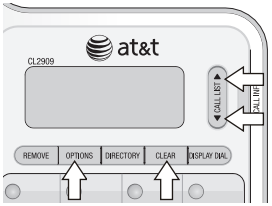
1. Press **OPTIONS** repeatedly until the screen displays:



2. Use the dial pad keys (0-9) to change the blinking digits.
   - Press **CALL LIST ▲** to move to the previous digit or **CALL LIST ▼** to move to the next digit.
   - Press **#** to select between **AM** and **PM**.
3. When the correct time and date (month-year) are shown, press **OPTIONS** to save the new setting and move to the next option.

Set remaining features

You can customize how the features of this product work.



1. Press **OPTIONS** repeatedly until the screen displays the desired feature.
2. Press **CALL LIST ▲** or **CALL LIST ▼** until the screen displays your selected setting. Refer to the **Feature summary** on the next page for a full description of the features and your choices.
3. Press **OPTIONS** to save your selection and move to the next option setting. When you finish setting features, the telephone will automatically return to standby after 15 seconds or you can press **CLEAR** to exit programming immediately.

NOTE: After the first time you set up the telephone menu, the order of the menu options changes to: **SET CLOCK**, **SET CONTRAST**, **REPEATED CALLS**, **CALL LIST ORDER**, **WHICH LANGUAGE? HOME AREA CODE? LOCL AREA CODE?**

Telephone settings

Feature summary (Default settings indicated by *)

Feature/options	Function
SET CLOCK 12:00^{AM} 1-01*	Set the date and time. Use **#** to select between **AM** and **PM**. Use **CALL LIST ▲** or **CALL LIST ▼** to choose a digit to edit, then use the dial pad keys to change the digits.
WHICH LANGUAGE? ENGLISH* ESPANOL FRANCAIS	Choose whether the display appears is English, Spanish, or French.
SET CONTRAST 1 2* 3 4	Adjust screen brightness to a comfortable level, from 1 (light) to 4 (dark).
HOME AREA CODE? HAC-_ _ _*	Set screen to recognize calls from your area code.
LOCL AREA CODE? LAC1-_ _ _* LAC2-_ _ _* LAC3-_ _ _* LAC4-_ _ _*	Program up to four local area codes that do not require dialing a 1 before them.
REPEATED CALLS COMBINED SEPARATE*	Choose how new calls from the same number are displayed. The screen shows only the most recent call from this number, and **REP** is displayed. Each call from this number is listed separately.
CALL LIST ORDER BY TIME NEW CALLS FIRST*	Choose in what order received calls are displayed. Reverse order. Last call received is displayed first. Unreviewed calls are displayed first, then calls by time.

Telephone operation

Make a call



1. Lift the handset, then enter the telephone number.

   -OR-

   Press **SPEAKER** on the telephone base, then enter the telephone number.

2. To end the call, hang up.

   -OR-

   Press **SPEAKER**.

Answer a call

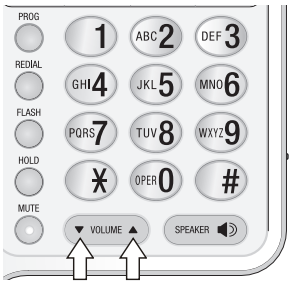
Lift the handset.

-OR-

Press **SPEAKER**.

NOTE: The **CALL INFO** indicator flashes quickly to show that the telephone is ringing.

Switch between handset and speakerphone



While on a handset call, press **SPEAKER** and replace the handset in the telephone base.

While on a speakerphone call, lift the handset.

Handset or speakerphone volume

Press **VOLUME ▲** or **VOLUME ▼** to adjust the volume of what you hear while on a call.

Redial

The last number called from this telephone (up to 32 digits), is stored in redial memory.

1. Lift the handset.

   -OR-

   Press **SPEAKER.**

2. Press **REDIAL**. The number is dialed automatically.

NOTE: You can erase the redial memory by pressing **PROG**, **REDIAL**, **PROG** consecutively in dial mode.

Telephone operation

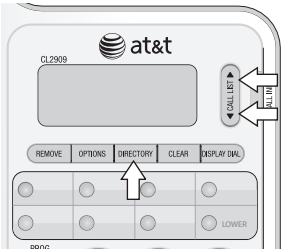
Chain dialing

Chain dialing is useful if you need to access numbers other than telephone numbers (such as bank account numbers or access codes) from the directory, one-touch locations or call history.

1. Lift the handset or press **SPEAKER**.
2. Wait for a dial tone. Dial the first number. You can do this manually, from the directory, a one-touch location or call history.
3. To dial a number (up to 48 digits):

From the directory:

1. Press **DIRECTORY**.
2. Press **CALL LIST ▲** or **CALL LIST ▼** to scroll to **REVIEW**. Press **OPTIONS**.
3. Press **CALL LIST ▲** or **CALL LIST ▼** to scroll to the desired entry.
4. Press **DISPLAY DIAL**. The telephone will automatically dial the displayed number.



From a one-touch location:

- Press the desired one-touch button.

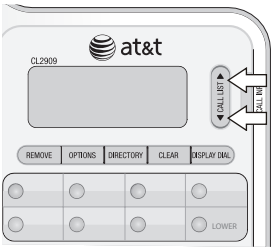
  -OR-

  Press **LOWER**, then press the desired one-touch button.
  The telephone will automatically dial the displayed number.



From the call history:

1. Press **CALL LIST ▲** or **CALL LIST ▼** to scroll to the desired entry.
2. Press **DISPLAY DIAL**. The telephone will automatically dial the displayed number.



Telephone operation

Flash/call waiting



If you subscribe to call waiting service with your telephone service provider, you can answer a new incoming call without losing your current call.

1. While on a call, press **FLASH** to connect to the new call when you receive a call waiting signal.
2. Press **FLASH** again to return to the original call.

NOTES:

- Use **FLASH** to access other subscriber services, as described by your telephone service provider.
- The telephone cannot display the information if another telephone on the same line is in use. Make sure all extensions are not in use.

Hold



- Press **HOLD** to put a call on hold.

To return to the call:

- Press **HOLD** again.

  -OR-

  Lift the handset.

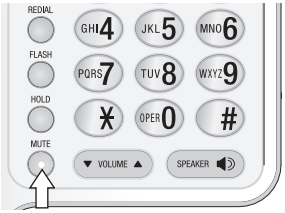
  -OR-

  Press **SPEAKER.**

  -OR-

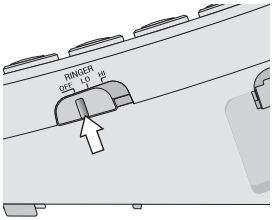
  Pick up the call at another extension connected to the same telephone line.

Mute



Press **MUTE** to prevent the other party from hearing you but you will still be able to hear the other party. Press **MUTE** again to return to your two-way conversation.

Telephone operation



Ringer volume

Use the ringer switch on the right side of the base to adjust the ringer volume to **OFF**, **LO** or **HI**. If the ringer switch is set to **OFF**, this telephone will not ring when there is an incoming call. However, the **CALL INFO** indicator will still flash to indicate an incoming call.

Call info

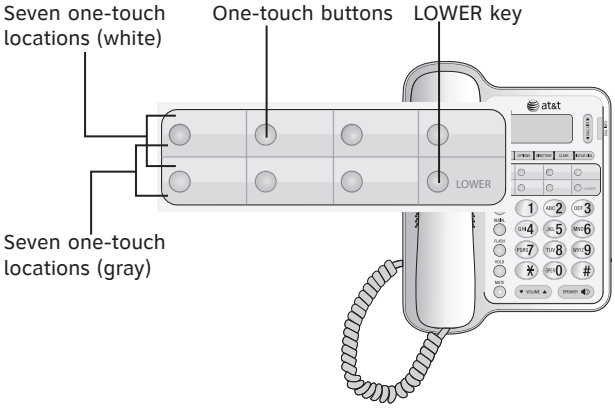
The **CALL INFO** indicator on the telephone is used to indicate there is additional information in the display about the current or previous calls.

One-touch operation

One-touch overview

This telephone has 14 one-touch locations where you can store telephone numbers you want to dial using only one or two keys. You can store up to 24 digits in each location. The first seven locations can be accessed using the one-touch buttons. To access the remaining seven locations, press **LOWER** and then the one-touch button for the desired location.

You may wish to write the names or telephone numbers of one-touch entries on the directory card. Use the white spaces for the first seven locations and the gray spaces for the other seven locations.



One-touch operation



Store a number in a one-touch location

1. Press **PROG**, the screen displays **ENTER NUMBER**.
2. Enter the telephone number you want to store (up to 24 digits). Use **CALL LIST ▲** to backspace and make corrections.

   -OR-

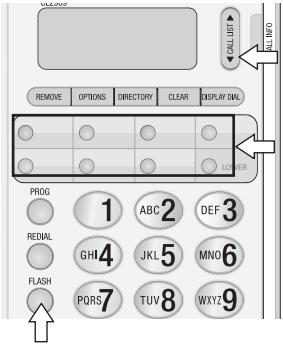
   Press **REDIAL** to store the last number dialed.

NOTE: If the redialed number is longer than 24 digits, you will hear an error tone if you are lifting the handset or the speakerphone is activated while storing the number. The number cannot be stored.

3. Press the one-touch button for the desired location.

   -OR-

   Press **LOWER**, then press the one-touch button for the desired location. The screen displays **STORED**.



Store a pause or flash in a one-touch entry

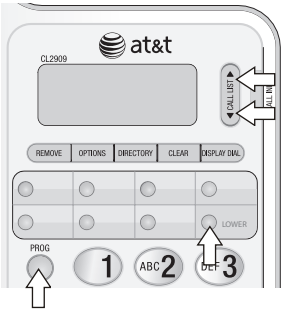
Press **CALL LIST ▼** twice to store a pause in the dialing sequence (**P** displays). Press **FLASH** to store a flash in the dialing sequence (**F** displays).

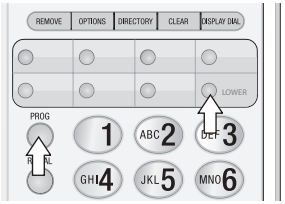
Store a call history number in a one-touch location

1. Press **CALL LIST ▲** or **CALL LIST ▼** to scroll through the call history.
2. Press **PROG**, then press a one-touch button.

   -OR-

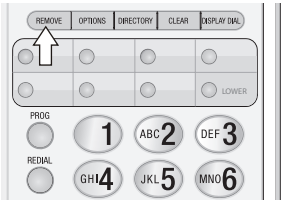
   Press **PROG**, then press **LOWER** and a one-touch button to store the number. The screen displays **STORED**.





NOTE: If you press **PROG** without first pressing a one-touch button, you access program mode.





One-touch operation

Review a one-touch entry

1. Press the one-touch button for the entry you want to review.

   -OR-

   Press **LOWER**, then press the one-touch button for the entry you want to review.
2. Press **PROG** or **CLEAR** to return to idle mode.

Dial a one-touch number

Using handset or speakerphone:

1. Lift the handset.

   -OR-

   Press **SPEAKER**.
2. Press the one-touch button for the number you want to dial.

   -OR-

   Press **LOWER**, then press the one-touch button for the number you want to dial.

Using DISPLAY DIAL:

1. Press the one-touch button for the number you want to dial.

   -OR-

   Press **LOWER**, then press the one-touch button for the number you want to dial.
2. When the number is displayed on the screen, press **DISPLAY DIAL** to dial the number automatically by speakerphone.

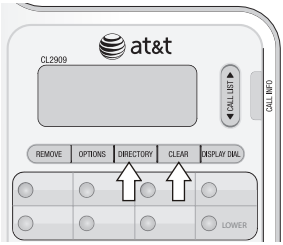
   -OR-

   Lift the handset, then press **DISPLAY DIAL** to dial the number.

Delete a one-touch entry

1. Follow the directions in **Review a one-touch entry** above to find the number you want to delete.
2. When the number you want to delete is displayed, press **REMOVE**. The entry is deleted.

Directory operation



Directory memory capacity

This telephone has a directory where you can store up to 25 additional telephone numbers and names. Numbers can be up to 24 digits long and names can be up to 15 characters.

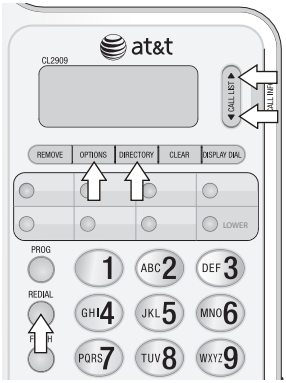
Directory entries are stored in alphabetical order. You may wish to enter names with the last name first to maintain consistency with information stored through the caller ID features of this telephone.

Press **CLEAR** at any time to exit the directory without saving changes and return to the idle screen.

Dial key	Characters by number of key presses				
	1	2	3	4	5
1	1				
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
0	0				
*	*				
#	#				

NOTE: Entries cannot be edited after the screen displays **STORED**.

Directory operation



Store numbers and names in the directory

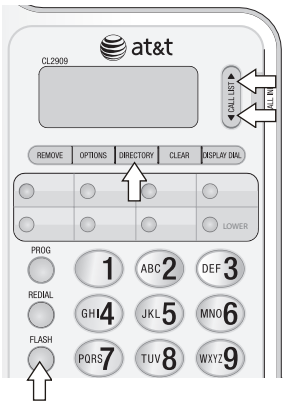
1. Press **DIRECTORY**. Then press **CALL LIST ▲** or **CALL LIST ▼** to scroll to **STORE**.
2. Press **OPTIONS**, the screen displays **ENTER NUMBER**.
3. Enter the telephone number (up to 24 digits) you want to store.

   -OR-

   Press **REDIAL** to store the last number dialed.

NOTE: If the redialed number is longer than 24 digits, you will hear an error tone if you are lifting the handset or the speakerphone is activated while storing the number. The number cannot be stored.

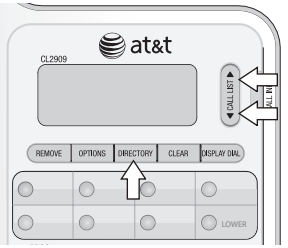
4. Press **OPTIONS**, and the screen displays **ENTER NAME**.
5. Use the **characters chart** on page 22 to enter a name (up to 15 characters).
   Use **CALL LIST ▲** to backspace and **CALL LIST ▼** to advance or add a space. When you want to enter two characters in a row that share a dial pad key (for example **M** and **O**), you must press **CALL LIST ▼** to move the cursor to the next position. The screen automatically returns to idle mode if you do not press a dial pad key within 15 seconds.
6. Press **OPTIONS** to store the name and number.



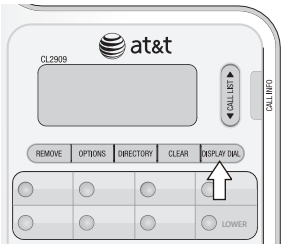
Store a pause or flash in a directory number

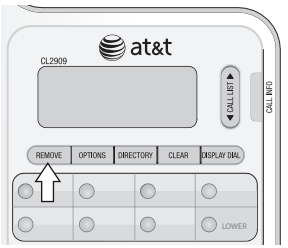
Press **CALL LIST ▼** twice to store a pause in the dialing sequence (**P** displays). Press **FLASH** to store a flash in the dialing sequence (**F** displays).

NOTE: To exit the directory at any time without saving changes, press **CLEAR**.



NOTE: When the telephone is idle, pressing 2-9 on the dial pad will also access the directory as described in step 2.





Directory operation

Store a call history number in the directory

1. Press **CALL LIST ▲** or **CALL LIST ▼** to scroll through the call history.
2. Press **DIRECTORY** to store displayed call information in the telephone directory. The screen displays **STORED**.

NOTE: Call information is stored exactly as it appears in the call history.

Review directory entries

1. Press **DIRECTORY**. Then press **CALL LIST ▲** or **CALL LIST ▼** to scroll to **REVIEW**.
2. Press **OPTIONS**. The screen displays the first entry in the directory.
3. Press **CALL LIST ▲** or **CALL LIST ▼** to scroll through an alphabetical list of names stored in the telephone directory.

   -OR-

   Use the dial pad keys and the **characters chart** on page 22 to enter the first character of the name you want to view, then press **CALL LIST ▼** if needed to move to the desired name.
4. Press **DIRECTORY** or **CLEAR** to exit.

Dial a directory number

1. Follow the instructions in **Review directory entries** above to find the number you want to call.
2. When the entry you want is displayed, press **DISPLAY DIAL** to make the call. The speakerphone is activated.

   -OR-

   Press **DISPLAY DIAL** then lift the handset to make the call.

Delete a directory entry

1. Follow the instructions in **Review directory entries** above to find the number you want to delete.
2. When the number is displayed, press **REMOVE** to delete the entry.



Caller ID operation

Caller ID information

This product has a caller ID with call waiting feature that works with services from your telephone service provider.

Caller ID with call waiting lets you see who is calling before you answer the telephone, even when you are on another call.

You may need to change your telephone service to use this feature. Contact your telephone service provider if:

You have both caller ID and call waiting, but as separate services (you may need combined service).

You have only caller ID service, or only call waiting service.

You do not subscribe to any caller ID service, and you can use this product's other features without subscribing to either caller ID or combined caller ID with call waiting service.

There are fees for caller ID services, and they may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering caller ID service, and if both telephone service providers use compatible equipment.



Caller ID operation

Information about call history

If you subscribe to caller ID service with your telephone service provider, this telephone stores all incoming calls with valid caller ID information in the call history. Name, number, time and date can all be stored, if they are sent with the call. A call is assigned a number from 1 to 65. The most recent call will have the highest number. The call history number appears next to the telephone number on the display. New (unreviewed) call information shows **NEW** in the display. A repeat call from the same number shows **REP** in the display.

If you answer a call before information appears on the screen, it will not be stored in the call history. Between the first and the second rings, the screen displays:

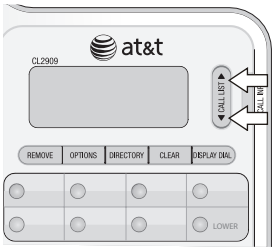
- The caller's name (up to 15 letters are sent by your telephone service provider)
- The caller's area code and telephone number (area code is not displayed if it is programmed as the home area code).
- The time and date of the call.
- The caller's position in call history, which is displayed to the left of the telephone number.

Call information is displayed for about 15 seconds.

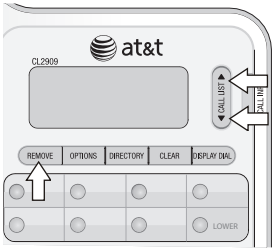
NOTES:

- If you press **REMOVE** while the telephone is ringing, or while you are on a call, the call information will not be stored in the call history.
- If you are using the display for setup or to review entries stored in the memory and a call comes in, press **CLEAR** while the telephone is ringing to see the information. If you were setting up the telephone, press **OPTIONS** first to save the setup information. Even if the call information is not displayed, it will be stored in the call history.

Caller ID operation







Caller ID

You can customize how the caller ID features of this product work. See **Set remaining features** on page 13 for instructions. For options, see **REPEATED CALLS**, and **CALL LIST ORDER** in the **Feature summary** on page 14.

Review call history

1. When the telephone is idle, press **CALL LIST ▲** or **CALL LIST ▼** to enter the call history.
2. If you select **NEW CALL FIRST** in **CALL LIST ORDER** (see **Feature summary** on page 14), press **CALL LIST ▲** repeatedly to show the new calls. Once the new calls have been reviewed, all caller ID entries are shown starting with the most recent.

   -OR-

   If you select **BY TIME** in **CALL LIST ORDER** (see **Feature summary** on page 14), The screen shows the caller ID entries starting with the most recent call. Press **CALL LIST ▲** or **CALL LIST ▼** to scroll through the caller ID entries.
3. Press **CLEAR** to exit and return to idle mode.

Caller ID operation

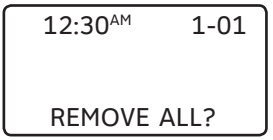
Remove call records

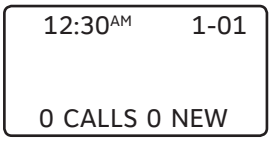
Remove a specific call record

1. Press **CALL LIST ▲** or **CALL LIST ▼** to display the call record you want to remove.
2. Press **REMOVE**. The call record is removed.

Remove all call records

1. When the telephone is idle, press and hold **REMOVE** until the screen displays (for approximately 3 seconds):

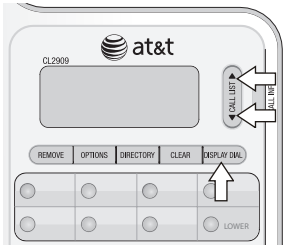




2. Press **REMOVE** again to remove all calls. The screen will briefly display **DELETED** and then automatically return to idle screen.

NOTE: Once a call is removed from call history, it cannot be retrieved.

Display dial



While you are reviewing the call history, you can dial a number displayed on the screen:

1. Lift the handset.

   -OR-

   Skip to step 2 to use the speakerphone.
2. Press **CALL LIST ▲** or **CALL LIST ▼** until the number you want to dial is displayed.
3. Press **DISPLAY DIAL**. The screen shows the number being called and the call is dialed automatically. If the screen displays **ERROR PRESENT** or **NO NUMBER**, the present number cannot be dialed.

NOTE: You cannot use this feature to dial **PRIVATE** or **UNKNOWN** numbers, see page 29.

Caller ID operation

Dialing options

If the number displayed in the call history needs to have a **1** or the area code added or removed, you can do that. When the number you wish to call is displayed, press **OPTIONS** and then press **CALL LIST ▲** or **CALL LIST ▼** to scroll through the dialing format choices.

The various dialing options are:

888-722-7702
1-722-7702
722-7702
1888-7227702

The specific dialing options available for each call history record depends on the format of the original call.

Display screen messages

Displays	When
PRIVATE NAME	The other party is blocking the name information.
PPP	The other party is blocking the number information.
PRIVATE CALLER	The other party is blocking the name and number information.
UNKNOWN NAME	Your telephone service provider is unable to receive information about this caller's name.
UUU	Your telephone service provider is unable to receive information about this caller's number.
UNKNOWN CALLER	Your telephone service provider is unable to receive information about this caller's name and number.
ERROR PRESENT	The displayed caller ID entry cannot be dialed.
NO NUMBER	The displayed caller ID entry cannot be dialed.

Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For Customer Service, visit our website at **www.telephones.att.com**, or call **1 (800) 222-3111**. In Canada dial **1 (866) 288-4268**.

No dial tone.	• Make sure all plugs are connected properly. Inspect the telephone line cord connections at the wall jack and telephone. Also inspect the coiled handset cord connections at both ends. • Unplug the telephone and connect it to another wall jack. If it still does not work and other telephones in your home are working, the problem is with this telephone.
Telephone does not ring.	• Make sure the **RINGER** switch is set to **LO** or **HI**. • If there are several other telephones on the same line, try disconnecting some of the other telephones. Having too many telephones connected can also create problems such as low ringer volume or impaired sound quality during calls.
Incorrect time and date on incoming calls.	• If you subscribe to caller ID service, your service provider sends the time with the caller ID information. The time and date should be correct after receiving a call. If the time and date is not correct after receiving a call, report the problem to your service provider. • If you do not have caller ID service, please set the time and date manually (see page 13).
CALL INFO light incorrectly flashing.	• Make sure the telephone line cord is connected properly.
Difficulty storing numbers in memory.	• Make sure you are pressing the correct sequence of buttons for storing numbers. • If you are interrupted by a recorded announcement asking you to hang up or by a loud buzzing noise, hang up and store the number without lifting the handset.
Screen is blank.	• Make sure the batteries are correctly installed. • Replace batteries with new batteries.
Screen displays **ERR**.	• The telephone has received incomplete or corrupted caller ID information from the telephone service provider.

Troubleshooting

Caller ID isn't working.	• Caller ID is a subscription service. You must subscribe to this service from your telephone service provider for this feature to work on your telephone. • If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (page 5). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters. • Your caller must be calling from an area that supports caller ID. • Both your and your caller's telephone service providers must use equipment that is compatible with caller ID.
No caller ID information while on a call.	• Make sure your telephone service provider provides caller ID information while you are on a call. This is sometimes known as caller ID on call waiting or type 2 caller ID. • The telephone cannot display the information if another telephone on the same line is in use. Make sure all extensions are on hook.
DISPLAY DIAL does not work.	• A home area code must be programmed. If you try to display dial before entering a home area code, you will be prompted to enter the home area code. Enter the code or enter **000** if you dial 10 digit telephone numbers. Then press **OPTIONS**.
Screen incorrectly displays **LINE IN USE**.	• Make sure the telephone line cord is connected properly.
No caller ID information for some calls.	• The telephone cannot display or store the information while another telephone is using the same telephone line, whether this CL2909 telephone is being used or not.
I cannot edit a directory entry.	• Editing directory entries is not available. You need to create a new entry.

Maintenance

Taking care of your telephone

- Your telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment.

- Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

- Your telephone can be damaged if it gets wet. Do not handle it with wet hands. Do not install the telephone near a sink, bathtub or shower.

Electrical storms

- Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

- Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap.
- Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE TELEPHONE LINE CORD FROM THE WALL. Then pull the unit out by the unplugged cord.

Important safety information

 This symbol is to alert you to important operating or servicing instructions that may appear in this user's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

Safety information

- **Read and understand all instructions in the user's manual. Observe all markings on the product.**
- **Avoid using a telephone during a thunderstorm.** There may be a slight **chance of electric shock from lightning.**
- **Do not use a telephone in the vicinity of a gas leak.** If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. If this product is a cordless model, make sure the telephone base is also away from the area.
- **Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- **Install this product in a protected location where no one can trip over any line or power cords.** Protect cords from damage or abrasion.
- **If this product does not operate normally, see the Troubleshooting section on pages 30-31 of this user's manual.** If you cannot solve the problem, or if the product is damaged, refer to the **Limited warranty** on pages 38-40. Do not open this product except as may be directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- **If this product has user-replaceable batteries, replace batteries only as described in your user's manual.** Do not burn or puncture batteries—they contain caustic chemicals. (Refer to **Battery Installation** on page 4).
- **If this product has a three-prong (grounding) plug or a polarized plug with one wide prong, it may not fit in non-polarized outlets.** Do not defeat the purpose of these plugs. If they do not fit in your outlet, the outlet should be replaced by an electrician.

 ***CAUTION*:** Use only the power adapter provided with this product. To obtain a replacement, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada dial **1 (866) 288-4268**.

Important safety information

Especially about corded telephones

- **Electrical power:** The telephone base must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. **Calls cannot be made from the handset if the telephone base is unplugged, switched off, or if the electrical power is interrupted.**
- **Power adapter:** The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the table or cabinet outlet.

SAVE THESE INSTRUCTIONS

FCC and ACTA information

If this equipment was approved for connection to the telephone network prior to July 23, 2001, it complies with Part 68 of the Federal Communications Commission (FCC) rules. If the equipment was approved after that date, it complies with the Part 68 rules and with the Technical Requirements for Connection of Equipment to the Telephone Network adopted by the Administrative Council for Terminal Attachments (ACTA). We are required to provide you with the following information.

1. Product identifier and REN information

The label on the back or bottom of this equipment contains, among other things, an identifier indicating product approval and the Ringer Equivalence Number (REN). This information must be provided to your telephone service provider upon request. For equipment approved prior to July 23, 2001, the product identifier is preceded by the phrase "FCC Reg No." and the REN is listed separately. For equipment approved after that date, the product identifier is preceded by "US" and a colon (:), and the REN is encoded in the product identifier without a decimal point as the sixth and seventh characters following the colon. For example, the product identifier US: AAAEQ03T123XYZ indicates the REN would be 0.3.

The REN is used to determine how many devices you can connect to your telephone line and still have them ring when you are called. In most, but not all areas, the sum of all RENS should be five (5.0) or less. You might want to contact your telephone service provider for more information.

2. Connection and use with the nationwide telephone network

The plug and jack used to connect this equipment to the premises wiring and the telephone network must comply with the applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular wall jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines, see installation instructions in the user's manual. This equipment may not be used with coin telephone lines or with party lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable the alarm equipment, consult your telephone service provider or qualified installer.

3. Repair instructions

If this equipment is malfunctioning, it must be unplugged from the modular wall jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the limited warranty.

FCC and ACTA information

4. Rights of the telephone service provider

If this equipment is causing harm to the telephone network, the telephone service provider may temporarily discontinue your telephone service. The telephone service provider is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone service provider is required to inform you of your right to file a complaint with the FCC. Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone service provider is required to notify you if such changes are planned.

5. Hearing aid compatibility

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

6. Programming/testing of emergency numbers

If this product has memory dialing locations, you may choose to store police, fire department and emergency medical service telephone numbers in these locations. If you do, please keep three things in mind:

a. We recommend that you also write the telephone number on the directory card (if applicable), so that you can still dial the emergency number manually if the memory dialing feature doesn't work.

b. This feature is provided only as a convenience, and the manufacturer assumes no responsibility for customer reliance upon the memory feature.

c. Testing the emergency telephone numbers you have stored is not recommended. However, if you do make a call to an emergency number:

- You must remain on the line and briefly explain the reason for the call before hanging up.
- Programming/testing of emergency numbers should be performed during off-peak hours, such as in the early morning or late evening, when the emergency services tend to be less busy.

Part 15 of FCC rules

Some telephone equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used properly, may cause interference to radio and television reception. This product has been tested and found to meet the standards for a Class B digital device, as specified in Part 15 of the FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this product causes interference to radio, VCR or television reception when it is in use, you might correct the interference with any one or all of these measures:

- Where it can be done safely, re-orient the receiving radio, VCR or television antenna.
- To the extent possible, relocate the radio, VCR, television or other receiver with respect to the telephone equipment.
- If this telephone product runs on AC power, plug your product into an AC outlet that's not on the same circuit as one used by your radio, VCR or television.
- Consult a dealer or an experienced radio/TV technician for help.

Modifications to this product, not expressly approved by the manufacturer, could void the user's authority to operate the equipment.

Limited warranty

The AT&T brand is used under license - any repair, replacement or warranty service, and all questions about this product should be directed to: In the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, call **1 (866) 288-4268**.

1. What does this limited warranty cover?

The manufacturer of this AT&T-branded product warrants to the holder of a valid proof of purchase ("CONSUMER" or "you") that the product and all accessories provided in the sales package "PRODUCT") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the PRODUCT operating instructions. This limited warranty extends only to the CONSUMER for products purchased and used in the United States of America and Canada.

2. What will be done if the PRODUCT is not free from defects in materials and workmanship during the limited warranty period ("materially defective PRODUCT")?

During the limited warranty period, the manufacturer's authorized service representative will repair or replace at the manufacturer's option, without charge, a materially defective PRODUCT. If the manufacturer repairs the PRODUCT, they may use new or refurbished replacement parts. If the manufacturer chooses to replace the PRODUCT, they may replace it with a new or refurbished PRODUCT of the same or similar design. The manufacturer will retain defective parts, modules, or equipment. Repair or replacement of the PRODUCT, at the manufacturer's option, is your exclusive remedy. The manufacturer will return repaired or replacement products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

3. How long is the limited warranty period?

The limited warranty period for the PRODUCT extends for ONE (1) YEAR from the date of purchase. If the manufacturer repairs or replaces a materially defective PRODUCT under the terms of this limited warranty, this limited warranty also applies to repaired or replacement PRODUCT for a period of either (a) 90 days from the date the repaired or replacement PRODUCT is shipped to you or (b) the time remaining on the original one-year limited warranty; whichever is longer.

4. What is not covered by this limited warranty?

This limited warranty does not cover:

- PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or

Limited warranty

- PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or
- PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
- PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or
- PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
- PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or
- PRODUCT returned without valid proof of purchase (see item 6 below); or
- Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the unit.

5. How do you get warranty service?

To obtain warranty service in the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, call **1 (866) 288-4268**.

NOTE: Before calling for service, please review the user's manual; a check of the PRODUCT controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Products) to the service location. The manufacturer will return repaired or replaced PRODUCT under this limited warranty. Transportation, delivery or handing charges are prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of products that are not covered by this limited warranty.

6. What must you return with the PRODUCT to get warranty service? You must:

a. Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and

Limited warranty

b. Include “valid proof of purchase” (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and

c. Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

This warranty is the complete and exclusive agreement between you and the manufacturer of this AT&T branded PRODUCT. It supersedes all other written or oral communications related to this PRODUCT. The manufacturer provides no other warranties for this PRODUCT. The warranty exclusively describes all of the manufacturer’s responsibilities regarding the PRODUCT. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the PRODUCT is fit for ordinary use) are limited to one year from date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall the manufacturer be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the PRODUCT or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this PRODUCT. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Technical specifications

REN	1.1B
Batteries	four AA alkaline batteries
Operating temperature	32°F — 122°F 0°C — 50°C

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